



Sheet 1 of 1

| Form PTO-1449 (REV. 8-83) | | US Dept. of Commerce PATENT & TRADEMARK OFFICE | | ATTY DOCKET NO. 111440.02 | APPLICATION NO. 10/727,615 | |
|---|---|---|------------|---------------------------------------|-------------------------------|-----------|
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | APPLICANT(S) Ronald J. MATHIS et al. | | | | |
| | | FILING DATE December 5, 2003 | | GROUP 1773 | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
| <i>Allen</i> | 1 | 5,209,860 | 05/11/1993 | TRIVETT | | |
| <i>Allen</i> | 2 | 4,781,847 | 11/01/1988 | WEITZ | | |
| <i>Allen</i> | 3 | 4,673,516 | 06/16/1987 | BERRY | | |
| <i>Allen</i> | 4 | 6,031,041 | 02/29/2000 | CHUNG et al. | | |
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| | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS |
| <i>Allen</i> | 5 | DE 1 644 976 (w/Abstract) | 10/14/1971 | GERMANY | | |
| <i>Allen</i> | 6 | WO 98/51731 | 11/19/1998 | WIPO | | |
| <i>Allen</i> | 7 | WO 92/07924 | 05/14/1992 | WIPO | | |
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| | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | |
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| EXAMINER | <i>Allen Decker</i> | | | DATE CONSIDERED <i>15 April 06</i> | | |
| Examiner: | Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | |



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| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | APPLICANT(S) Ronald J. MATHIS et al. | | | | |
| | | FILING DATE December 5, 2003 | | | GROUP 4773 1764 | |
| | | U.S. PATENT DOCUMENTS | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
| <i>Blue</i> | | 5,639,796 | 06-17-1997 | Lee | | |
| <i>Blue</i> | | 5,470,498 | 11-28-1995 | Pialet et al. | | |
| <i>Blue</i> | | 6,034,041 | 03-07-2000 | Nittel et al. | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS |
| <i>Blue</i> | | WO 03/050192 A1 | 06-19-2003 | WIPO | | |
| | | FR 2 753 986 A1 | 04-03-1998 | France | | |
| | | DE 25 54 082 A1 | 06-23-1977 | Germany | | |
| | | EP 0 341 577 A2 | 11-15-1989 | Europe | | |
| | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | |
| <i>Blue</i> | | CYTEC INDUSTRIES INC.: "Superfloc Dry Polyacrylamide (PAM), anionic: A-100 Series" August 8, 2003, XP002301616. | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| EXAMINER <i>Blue</i> | | | | DATE CONSIDERED <i>11 April 06</i> | | |
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Date: December 17, 2004

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|---|----|--|------------------------------|--|------------------------------------|-----------|
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | APPLICANTS Ronald J. MATHIS et al. | | | | |
| | | FILING DATE December 5, 2003 | | | | |
| | | | | | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
| <i>Bill</i> | 1 | 5,338,129 | 08/16/1994 | Oden | | |
| <i>Bill</i> | 2 | 6,242,489 B1 | 06/05/2001 | Pinney | | |
| <i>Bill</i> | 3 | 3,983,213 | 09/28/1976 | Lissant | | |
| <i>Bill</i> | 4 | 4,541,947 ↗ | 09/17/1985 | Clark et al. | | |
| <i>Bill</i> | 5 | 4,606,913 ↘ | 08/19/1986 | Aronson et al. | | |
| <i>Bill</i> | 6 | 4,541,947 ↘ | 09/17/1985 | Clark et al. | | |
| <i>Bill</i> | 7 | 4,606,489 | 08/19/1986 | Aronson et al. Steinhart et al. | — | — |
| <i>Bill</i> | 8 | 3,562,193 | 02/1971 | R. E. LEEKS et al. | 260 | 4 |
| <i>Bill</i> | 9 | 4,069,186 | 01/1978 | RAMIG | 260 | 29.6 |
| <i>Bill</i> | 10 | 4,450,197 | 05/1984 | HAGER et al. | 428 | 232 |
| <i>Bill</i> | 11 | 5,258,424 | 11/1993 | YAGI et al. | 523 | 221 |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS |
| | 12 | 1,312,083 | 04/1973 | GREAT BRITAIN | | |
| | 13 | EP 0 041 834 A1 | 12/1981 | EUROPE | | |
| | 14 | WO 91/15434 | 10/1991 | WIPO | | |
| | 15 | JP-A-6-293875 w/ English-language translation and Abstract | 10/1994 | JAPAN | | |
| | 16 | EP 1 160 299 A1 | 12/2001 | EUROPE | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | |
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| EXAMINER <i>Bill</i> | | | | | DATE CONSIDERED <i>19 April 06</i> | |
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